U.S. PATENT DOCUMENTS CLASS SUBCLASS FILING DATE DATE NAME **EXAMINER** DOCUMENT NUMBER (IF APPROPRIATE) INITIAL 5/20/03 1 6,566,824 Panagotacos, et al. 2 6,582,103 6/24/03 Popovich, et al. 3 5 6 8 9 10 FOREIGN PATENT DOCUMENTS CLASS SUBCLASS **EXAMINER** DOCUMENT NUMBER DATE COUNTRY TRANSLATION INITIAL YES NO 11 12 13 14 15 16 EXAMINER INITIAL OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) 17 18

U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

PATENT AND TRADEMARK OFFICE

FORM PTO-1449

RADEMARY

H:\DOCS\GLN\GLN-6688.DOC 072903

19 20 21

		1_			 ·	.	
-	EXAMINER FALLICA /	80	DATE CONSIDERED	01	10/	03	
Į					 		

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

							SH	EET 1 OF 1
FOR	M PTO	-1449 U.S. DEPARTMENT PATENT AND TRA	OF COMMER	RCE ATTY. DOCKET NO. PERMLT.019A	APPLICA 09/693,	TION NO. 548		
1	NFOR	MATION DISCLOSURE STATE	MENT					
		BY APPLICANT	OIPE	APPLICANT John Popovich, et al.				
	(USE S	SEVERAL SHEETS IF NECESS	ARY)	FILING DATE October 19, 2000	GROUP 2875			
		K		W .				
		* Dea	DEMARK OF	U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPRO	DATE OPRIATE)
17	1	5,607,227	03/04/97	Yasumoto, et al.	_			
Ü	2	5,103,382	04/07/92	Kondo, et al.	_	_		
07	3	5,499,170	03/12/96	Gagne	_			
					1			
		·· ·						
		·			ļ			
					ļ		 -	
			<u> </u>		 			
					ļ			
			<u> </u>		1			
				FOREIGN PATENT DOCUMENTS				
EXAMINER	П	DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUBCLASS TRANSLA			LATION
INITIAL							YES	NO
								<u> </u>
EXAMINER	1							
INITIAL	ļ	O1	HER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT	r PAGES,	ETC.}		
	$\downarrow \downarrow$			·				
		· · · · · · · · · · · · · · · · · · ·						
						Ç:	<u> </u>	
	1					 انجاب	. (T)	<u> </u>
							<u>د،</u> 	-
H:\DOC\$\G 121102	LN/GL	.N-5846.DOC				. 100%	7.72	3
	Щ,	<u> </u>		01//	0/02	<u></u>		
EXAMINER	/ Y	3 <i>U</i>		DATE CONSIDERED 0///	0/03			

1												
EP	e sons	NHORI S It	MATION DISCLOSURE STATE BY APPLICANT	MENT		APPLICANT John Popovich, et al.						
7	TRADEMAR	(USE	SEVERAL SHEETS IF NECESS	ARY)		FILING DATE October 19, 2000	GROUP 2875					
ſ						J.S. PATENT DOCUMENTS						
	EXAMINER INITIAL	П	DOCUMENT NUMBER	DATE		NAME		SUBCLASS	FILING DATE (IF APPROPRIATE)			
	17	1	6,578,986	06/17/03	Swa	aris, et al.	_					
	17	2.	6,505,956	01/14/03	Pric	ldy et al.		1				
1						~~~~						
		-										
		\vdash										
		\vdash										
										~ ~~~~		
										1		
					FO	REIGN PATENT DOCUMENTS	· 		· · · · ·			
	AMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
	VITIAL		***************************************						YES	NO		
		11		-					() () () () () () () () () ()			
		\sqcup										
		1-1										
		\sqcup		ļ								
		++										
								L	L	<u> </u>		
	NER AL		ОТ	HER DOCUME	NTS	(INCLUDING AUTHOR, TITLE, DATE, PERT	NENT PAGES,	ETC.)				
		\sqcup										
			N-6704.DOC/090303									

DATE CONSIDERED

INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 509; DRAW LINE THROUGH CITATION IF NOT MANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

l

SHEET 1 OF 1

Sec. (3)				FILING DATE October 19, 2000	GROUP 2875			
THACK								
				U.S. PATENT DOCUMENTS				
INER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPRO	DATE
7	1	4,591,954	05/27/86	Kawamura, et al.				
7	2	4,761,720	08/02/88	Solow	-			
7	3	5,660,461	08/26/97	Ignatius, et al.		_		
7	4	6,042,248	03/28/00	Hannah, et al.		_		
	H							
	П							
	H		-					
	1-1			FOREIGN PATENT DOCUMENTS				
MINER		DOCUMENT NUMBER DATE		COUNTRY	COUNTRY		 	
TIAL			l	į.	1		vea	·
T!AL	-						YES	N
TIAL							YES	N
TIAL							YES	N.
TIAL							YES	2
T!AL							YES	N
T!AL							YES	N
T!AL							YES	N
TIAL		0	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PER	TINENT PAGES.	ETC.)	YES	N
		0	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PER	TINENT PAGES.	ETC.)	YES	8
		0	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PER	TINENT PAGES.	ETC.)	YES	N
		0	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PER	TINENT PAGES.	ETC.)	YES	N
		0	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DATE, PER	TINENT PAGES.	ETC.)	YES	N

DATE CONSIDERED 01/10/03

NITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT NCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.